

DARREN XU

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EDUCATION

University of New South Wales | *Bachelor of Data Science & Decisions*

Feb 2020 – present

- Majoring in Quantitative Data Science
- Coursework in statistics, computer science and economics

EXPERIENCE

Deloitte | *Data & Analytics Vacationer*

Nov 2021 – Feb 2022

- Engineered a visualisation and data preparation tool with Python, automating plots for 10,000+ buckets of timesheet data by respective shift and employee entitlement/s
- Cleaned and extensively verified 50,000+ rows of data for further analysis using SQL and Excel
- Validated 2,000+ samples of raw client document data with Abbyy FlexiCapture

North Shore Coaching College | *Mathematics Tutor*

Feb 2021 – Nov 2021

- Taught 2 high school classes – Yr 7 and Yr 8 mathematics
- Executed lesson plans aimed towards both collaborative learning and improvement

Chemist Warehouse | *Pharmacy Assistant*

Dec 2019 – Oct 2021

- Consistently facilitated sales, engaged with colleagues and maintained store presentability

EXTRACURRICULARS

UNSW Data Science Society | *Peer Mentor*

Feb 2022 – present

- Guided 3 mentees through the BDataSci degree, university life and organised weekly catchups

UNSW School of Mathematics & Statistics | *Course Representative*

Sep 2020 – Nov 2020

- Liaised with 2 lecturers and 2 co-representatives to improve the quality of MATH1081: Discrete Mathematics for future students

PROJECTS

Stock Visualisation | github.com/darrenlxu/stock-forecast-tool

Feb 2022

- Built an automated stock price and stock volume visualisation tool – 5 year range – with Python, taking ticker symbols through input from the user

NFL Combine | github.com/darrenlxu/nfl-combine-project

Aug 2021

- Examined the relationship between a draft prospect's drill results and physical traits, deployed through predictive models and data visualisations using Python

SKILLS & INTERESTS

Programming Languages: Python, SQL, R, SAS, CSS, HTML, C

Technologies: Tableau, Microsoft Office, Google Suite, Git, Abbyy FlexiCapture

Interests: NFL, F1, space/aerospace, stocks, gaming, web development – isgatewayinorbit.com